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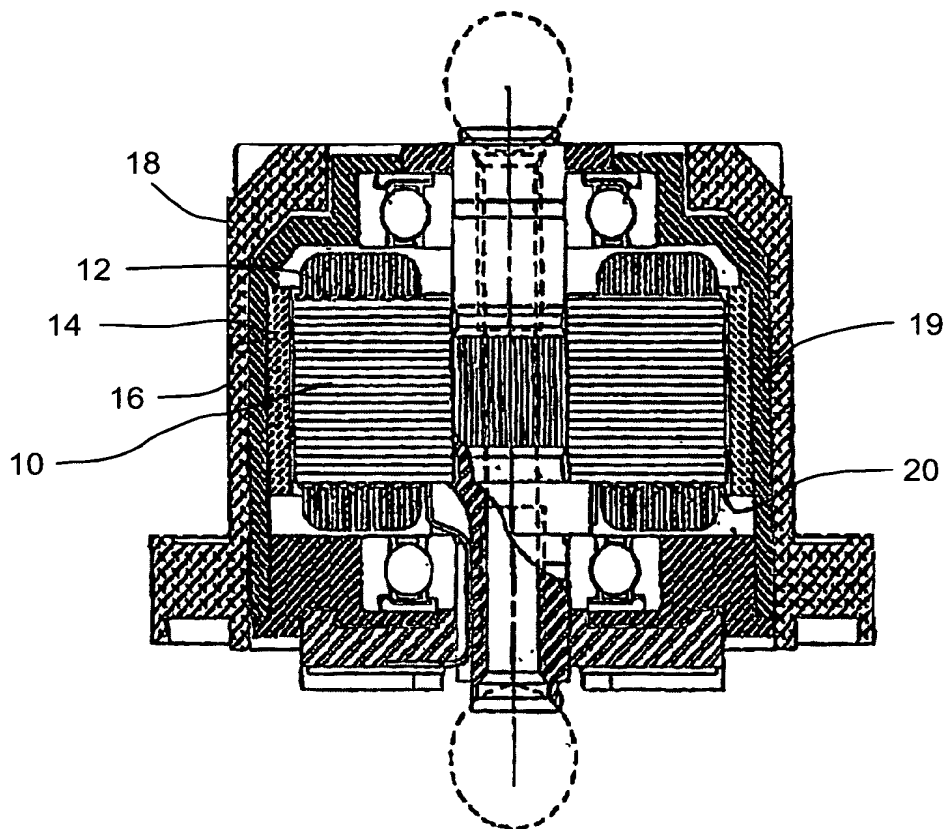


FIG. 1

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P-MAGNET M.M.F. - AIRGAP

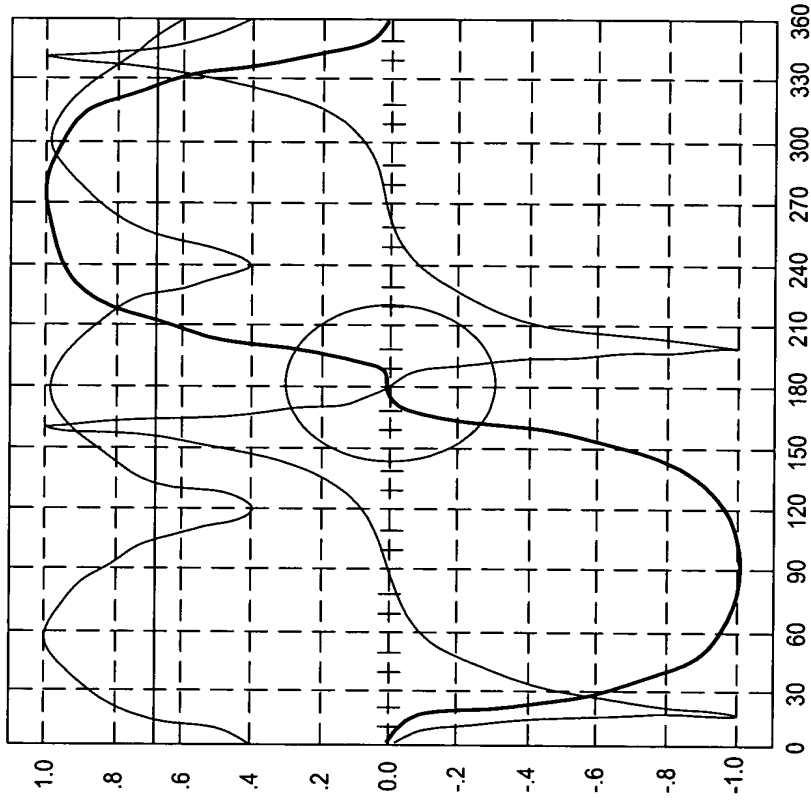


FIG. 2A



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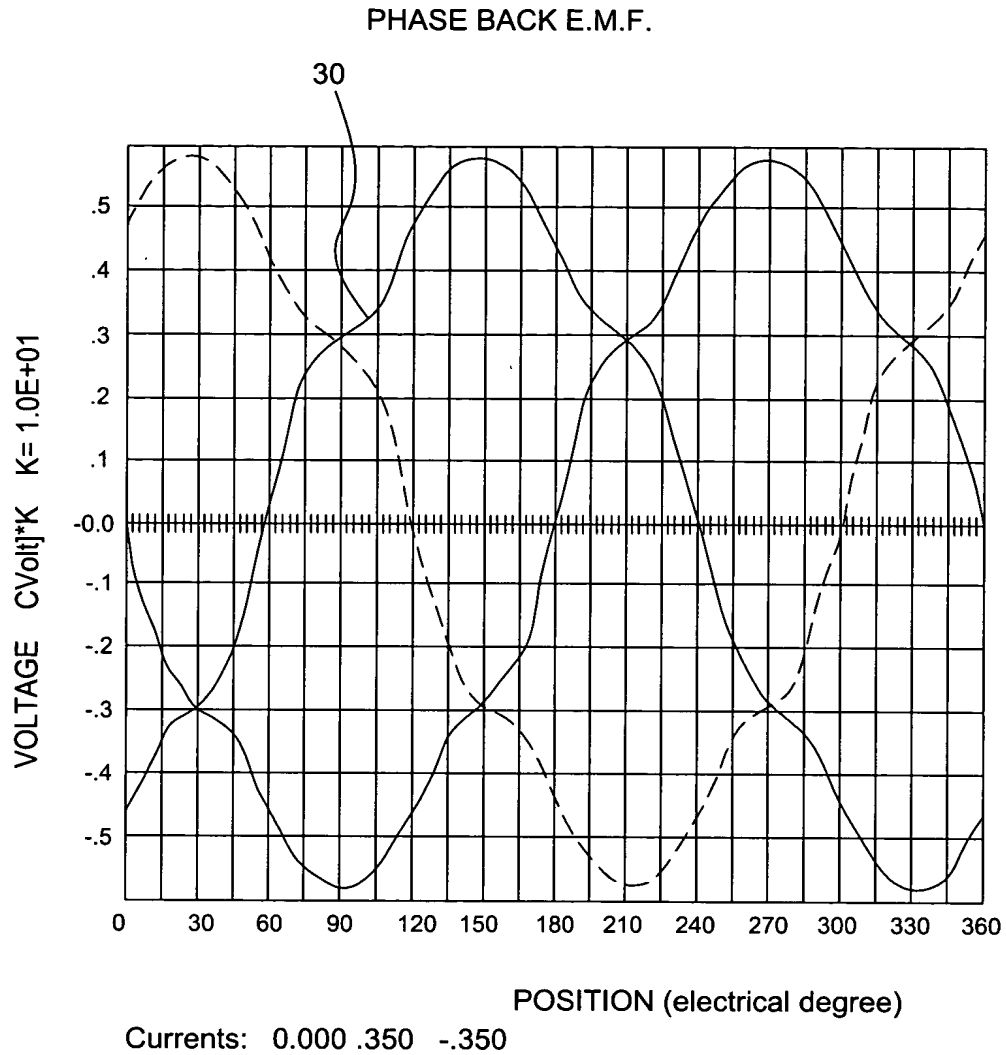


FIG. 2B



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TWO PHASES BACK E.M.F.

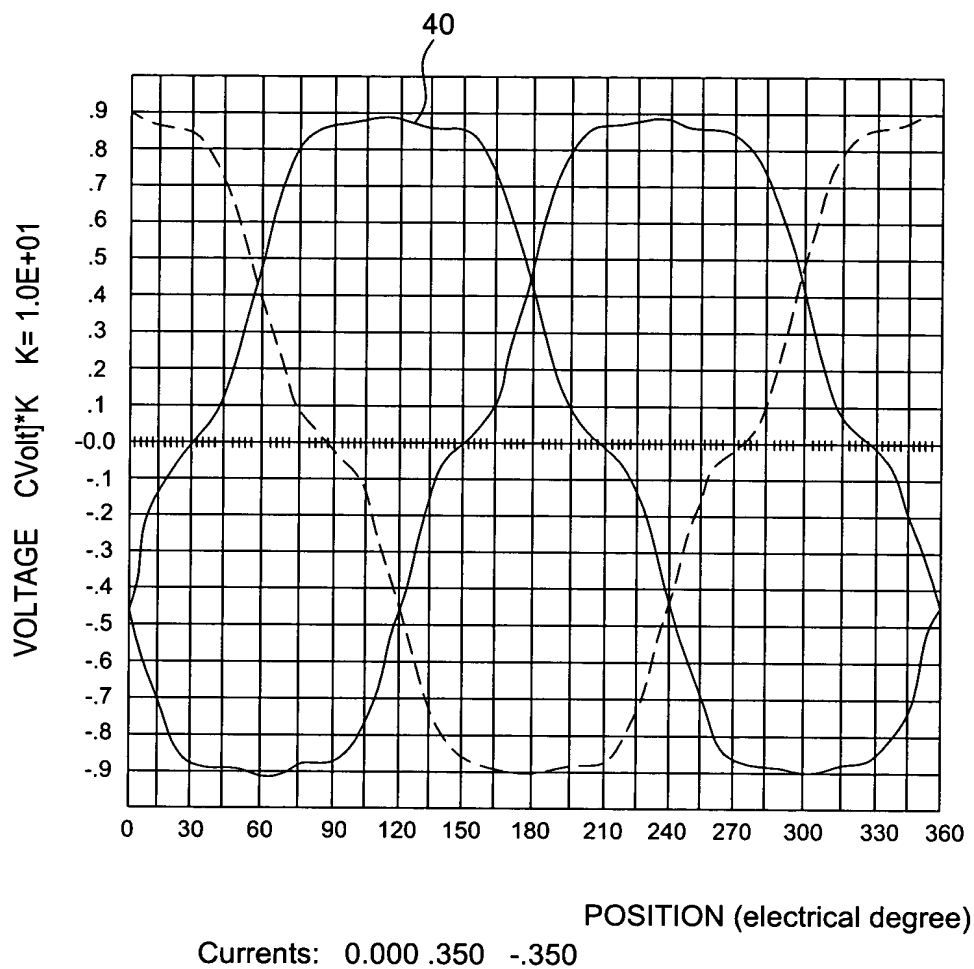
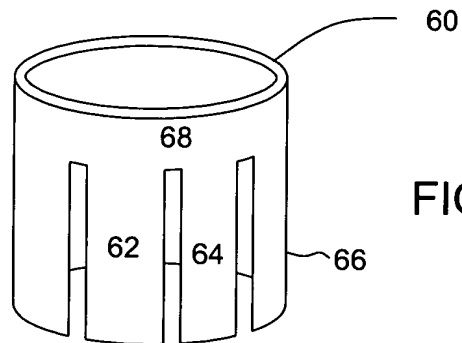
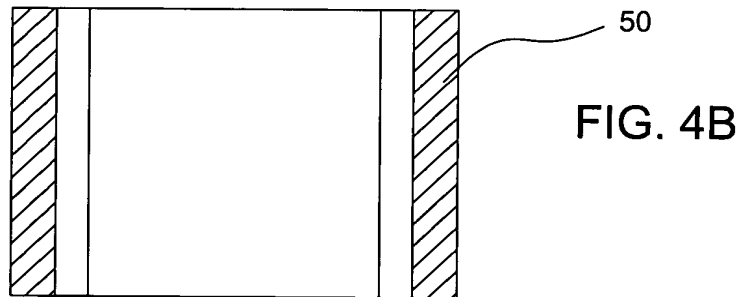
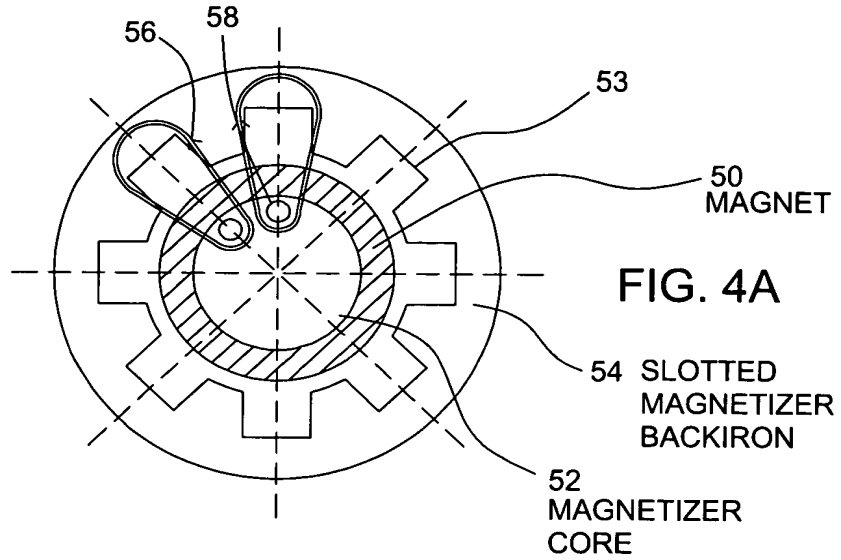


FIG. 3

MAGNETIZER DESIGN FOR WIDE
TRANSITION OR "DEAD ZONE"





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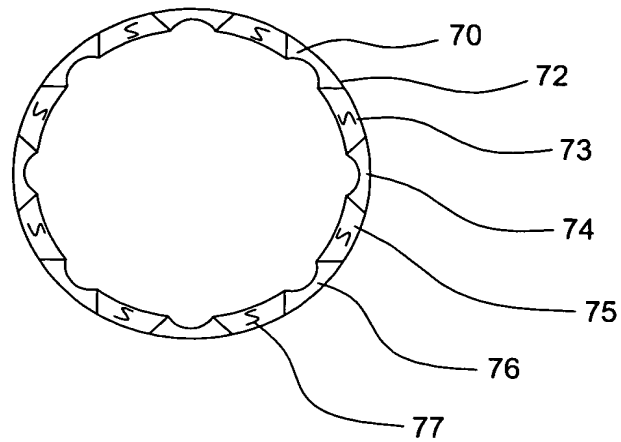


FIG. 6

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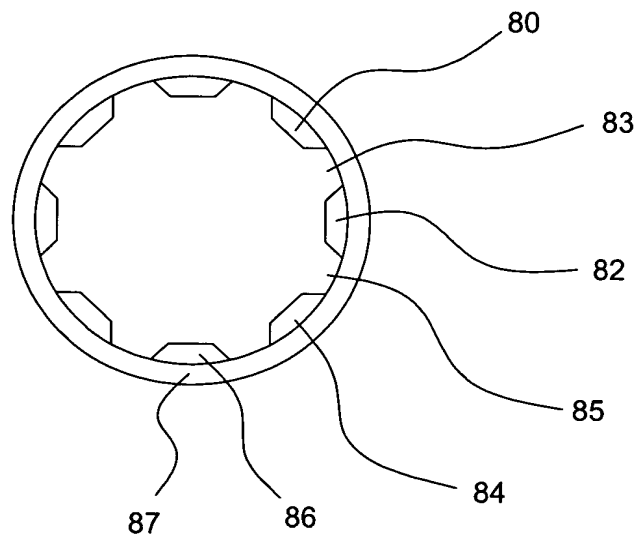


FIG. 7

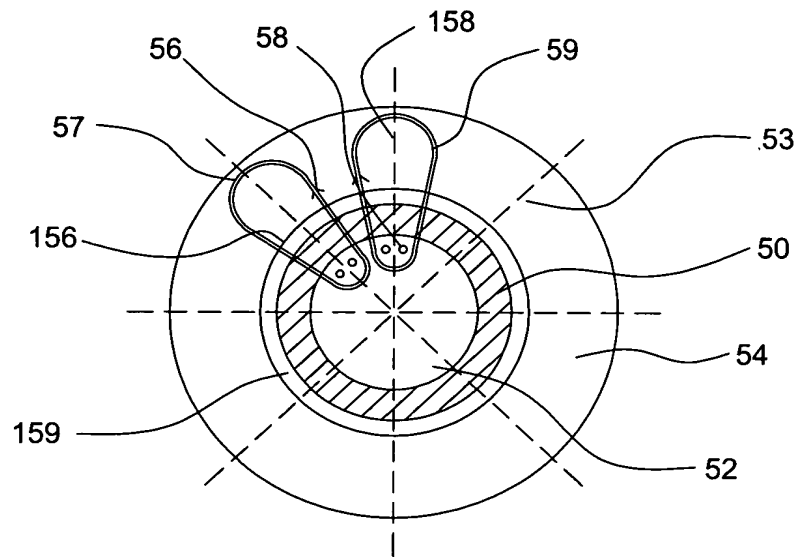
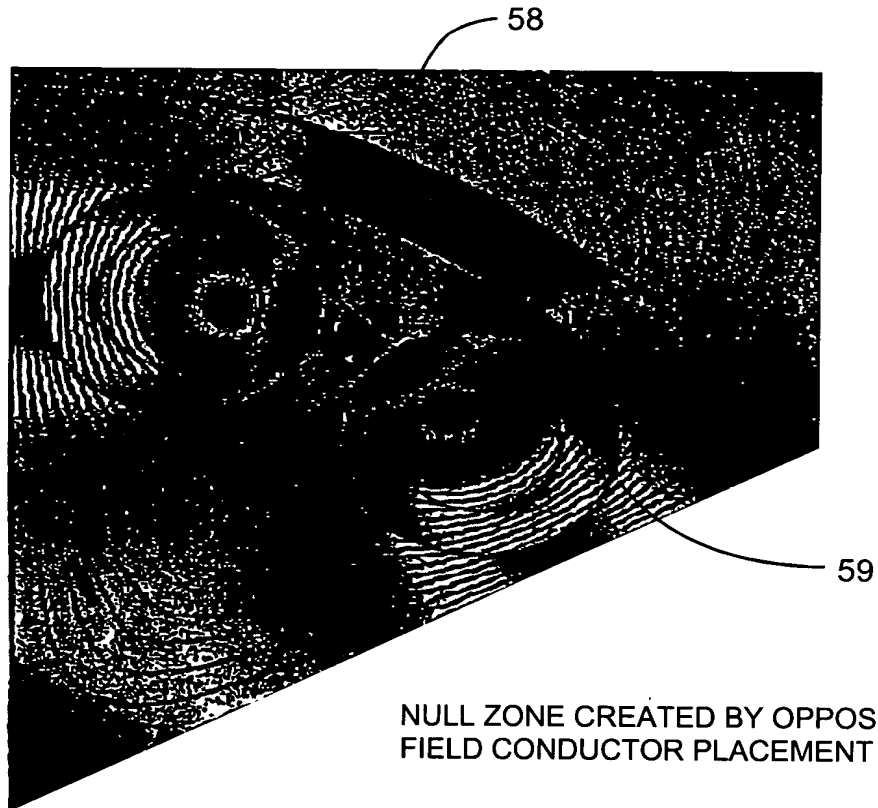


FIG. 8A

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NULL ZONE CREATED BY OPPOSING
FIELD CONDUCTOR PLACEMENT

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FIG. 8B